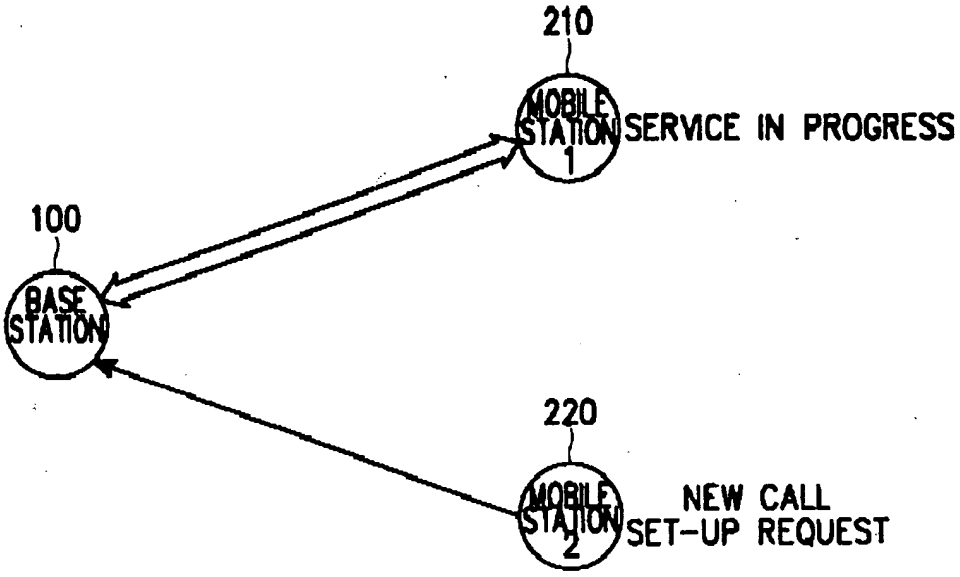
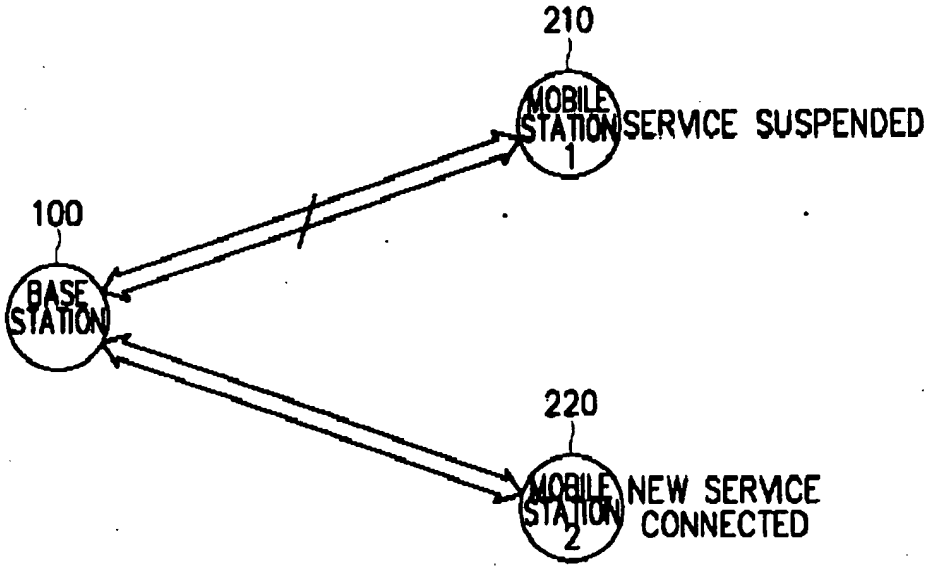


FIG. 1A



"SERVICE LEVEL OF CALL FOR MOBILE STATION 1
< SERVICE LEVEL OF CALL FOR MOBILE STATION 2"

FIG. 1B

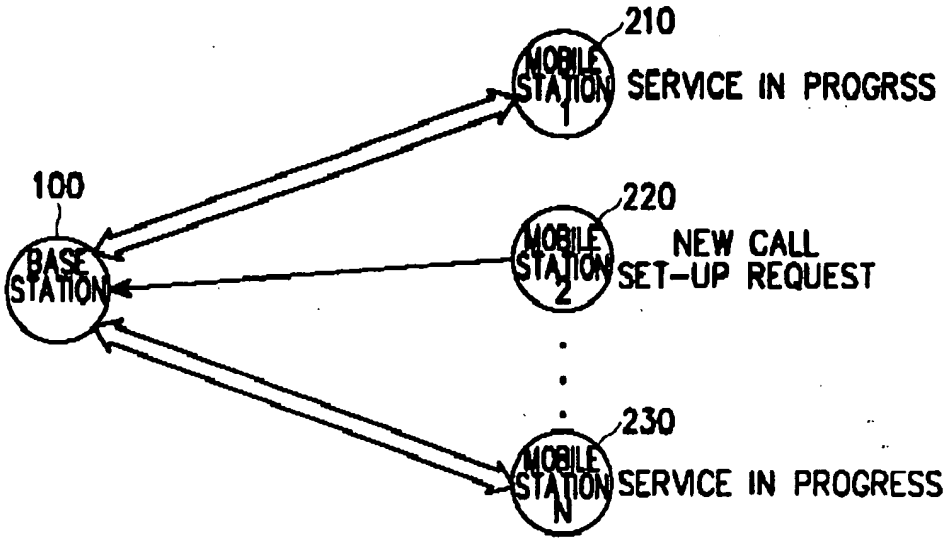
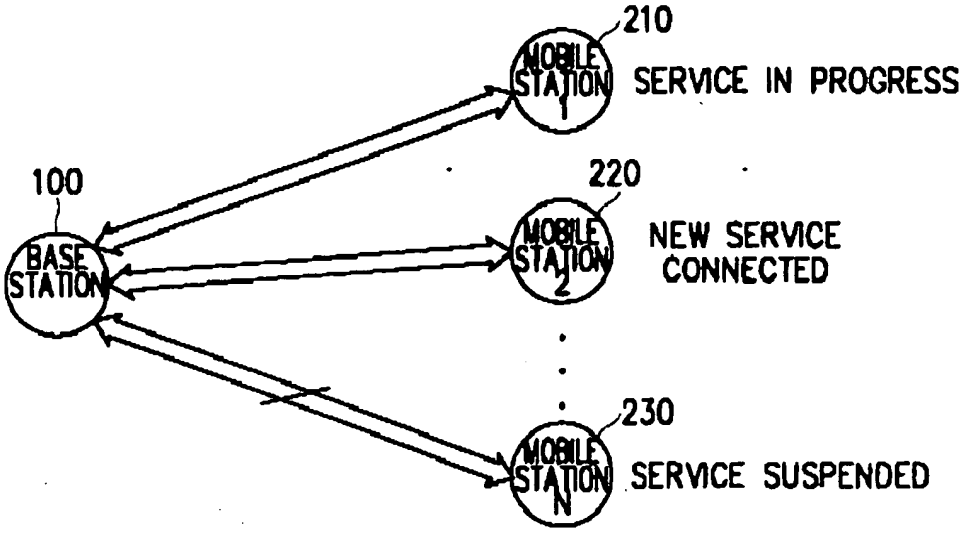


FIG. 2A



"SERVICE LEVEL OF CALL FOR MOBILE STATION N
< SERVICE LEVEL OF CALL FOR MOBILE STATION 2"

FIG. 2B

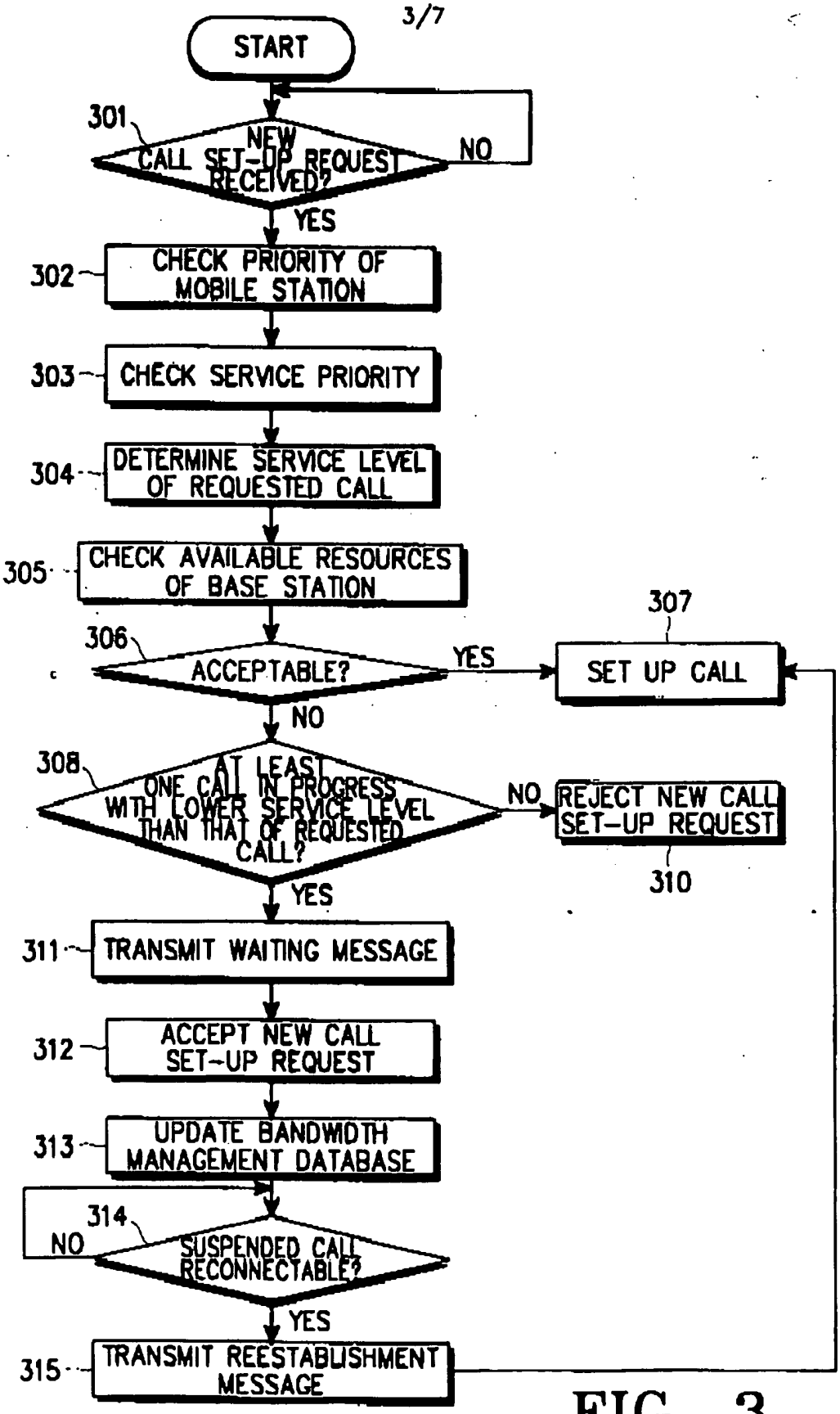

START
301
NEW CALL SET-UP REQUEST RECEIVED?
NO
YES
302
CHECK PRIORITY OF MOBILE STATION
303
CHECK SERVICE PRIORITY
304
DETERMINE SERVICE LEVEL OF REQUESTED CALL
305
CHECK AVAILABLE RESOURCES OF BASE STATION
306
ACCEPTABLE?
YES
307
SET UP CALL
NO
308
AT LEAST ONE CALL IN PROGRESS WITH LOWER SERVICE LEVEL THAN THAT OF REQUESTED CALL?
NO
REJECT NEW CALL SET-UP REQUEST
310
YES
311
TRANSMIT WAITING MESSAGE
312
ACCEPT NEW CALL SET-UP REQUEST
313
UPDATE BANDWIDTH MANAGEMENT DATABASE
314
NO
SUSPENDED CALL RECONNECTABLE?
YES
315
TRANSMIT REESTABLISHMENT MESSAGE

FIG. 3

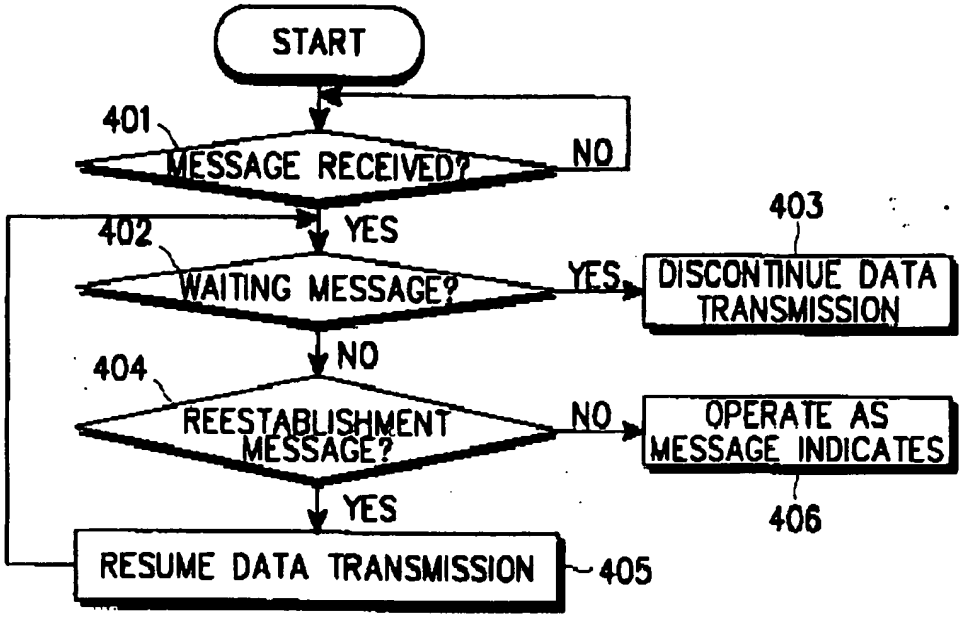

START
401
MESSAGE RECEIVED?
NO
YES
402
WAITING MESSAGE?
YES
403
DISCONTINUE DATA TRANSMISSION
NO
404
REESTABLISHMENT MESSAGE?
NO
OPERATE AS MESSAGE INDICATES
406
YES
RESUME DATA TRANSMISSION
405

FIG. 4

	FIELD NAME	BITS
51	MESSAGE TYPE	8
52	GENERAL MESSAGE FIELDS	
53	WAITING DURATION FLAG	1
	WAITING DURATION TIME	8
54	WAITING REASONS	3
55	USE TIME	1
	ACTION TIME	8

FIG. 5

	FIELD NAME	BITS
61	MESSAGE TYPE	8
62	GENERAL MESSAGE FIELDS	
63	RE-ESTABLISHMENT DURATION FLAG	1
	RE-ESTABLISHMENT DURATION TIME	8
64	USE TIME	1
	ACTION TIME	8

FIG. 6

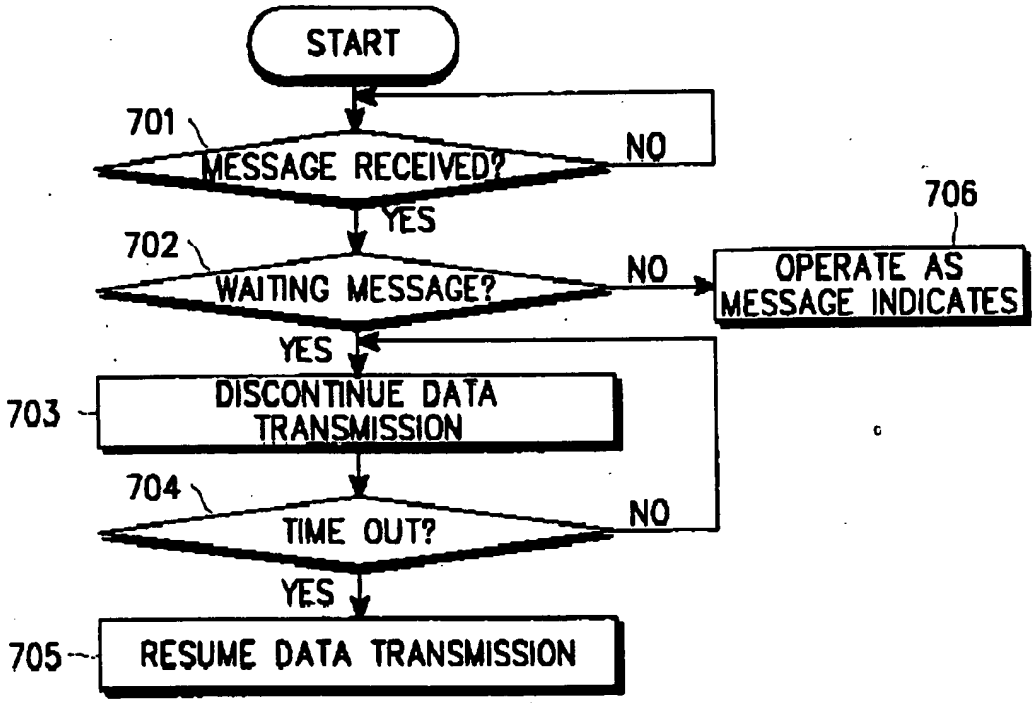


FIG. 7

09/744,900 - 11/4/2004

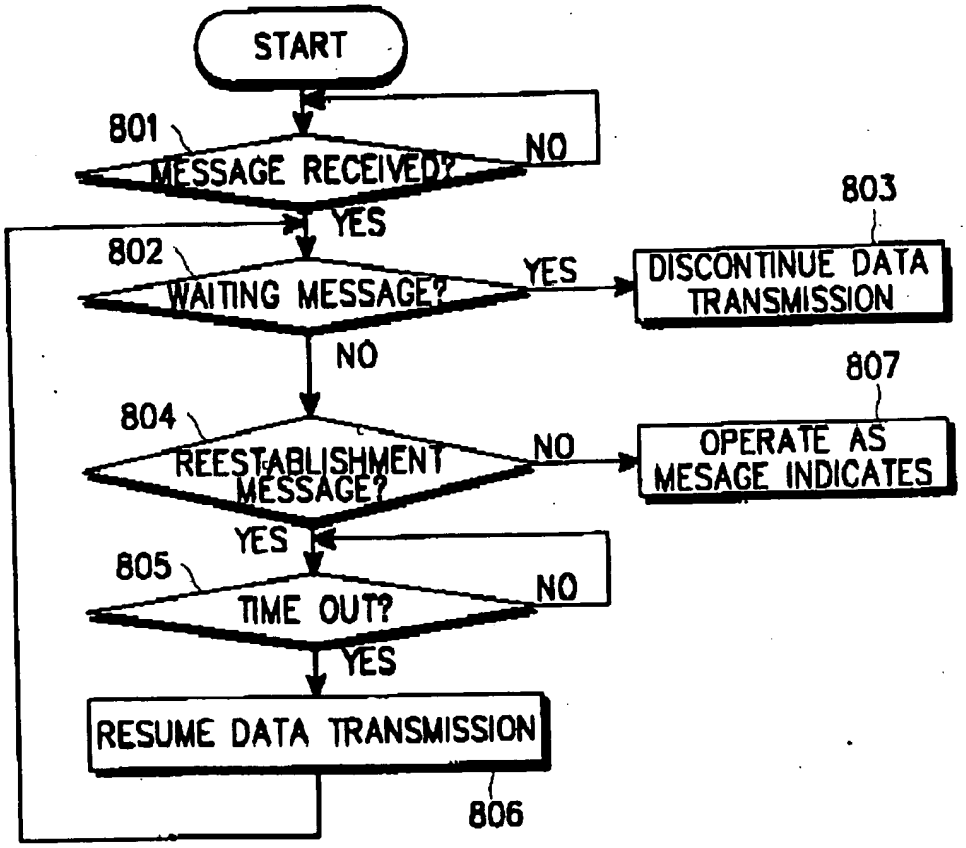

START
801
MESSAGE RECEIVED?
NO
YES
802
WAITING MESSAGE?
YES
803
DISCONTINUE DATA TRANSMISSION
NO
804
REESTABLISHMENT MESSAGE?
NO
807
OPERATE AS MESAGE INDICATES
YES
805
TIME OUT?
NO
YES
RESUME DATA TRANSMISSION
806

FIG. 8